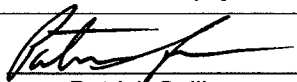


EENS Job Risk Assessment

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Name(s) of Risk Team Members: P. Vanier, L. Forman, J. Lemley, C. Finrock, N. Contos, J. Madaia	Point Value → Parameter ↓	1	2	3	4	5
Job Title: Radioactive Sealed Source (SRS) Use	Frequency (B)	≤once/year	≤once/month	≤once/week	≤once/shift	>once/shift
Job Number or Job Identifier: EENS-JRA-023						
Rev. #: 0 Date: 1/25/06						
Job Description: Use and control of sealed radioactive sources.	Severity (C)	First Aid Only	Medical Treatment	Lost Time	Partial Disability	Death or Permanent Disability
Training and Procedure List (Optional): SBMS SA	Likelihood (D)	Extremely Unlikely	Unlikely	Possible	Probable	Multiple
Approved by:  Date: 8/31/06 Patrick Sullivan						
Stressors (if applicable, please list all): none		Reason for Revision (if applicable):			Comments:	

				Before Additional Controls							After Additional Controls					
Job Step / Task	Hazard	Control(s)	Stressors Y/N	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD	Control(s) Added to Reduce Risk	Stressors Y/N	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD	% Risk Reduction
Removing or returning source to storage box	Radiation exposure	Training, enclosure, postings, procedures, Tier I, Dosimetry, PPE, ESR, RWP, RadCon Manual, Work Planning and Control Documents, remote handling, ALARA principles- time distance shielding, access controls, SRS SBMS SA	N	1	4	1	1	4								
	Spread of radiological contamination	Training, enclosure, postings, procedures, Tier I, Dosimetry, PPE, ESR, RWP, RadCon Manual, Work Planning and Control Documents, SRS SBMS SA, semi-annual leak checks	N	1	2	1	2	4								

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				Before Additional Controls						After Additional Controls						
Job Step / Task	Hazard	Control(s)	Stressors Y/N	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD	Control(s) Added to Reduce Risk	Stressors Y/N	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD	% Risk Reduction
Using a Sealed Source	Radiation exposure	Training, enclosure, interlocks, postings, procedures, Tier I, Dosimetry, PPE, ESR, RWP, RadCon Manual, Work Planning and Control Documents, remote handling, ALARA principles- time distance shielding, access controls, SRS SBMS SA	N	1	3	1	1	3								
	Radiological contamination from leaking source	Training, enclosure, postings, procedures, Tier I, Dosimetry, PPE, ESR, RWP, RadCon manual, Work Planning and Control Documents, proper maintenance, SRS SBMS SA, semi-annual leak checks	N	1	2	1	1	2								
Using a Windowless Radioactive Source	Radiation exposure	Training, interlocks, enclosure, postings, procedures, Tier I, Dosimetry, PPE, ESR, RWP, RadCon manual, Work Planning and Control Documents, ALARA principles- time distance shielding, SRS SBMS SA	N	1	3	1	1	3								
	Radiological contamination from touching source	Training, interlocks, enclosure, postings, procedures, Tier I, Dosimetry, PPE, ESR, RWP, RadCon manual, Work Planning and Control Documents, SRS SBMS SA, semi-annual leak checks	N	1	3	1	1	3								
Transporting sources to another building on site	Radiation exposure	Training, enclosure, postings, procedures, Tier I, Dosimetry, PPE, ESR, RWP, RadCon Manual, Work Planning and Control Documents, remote handling, ALARA principles- time distance shielding, access controls, SRS SBMS SA	N	1	4	1	1	4								
	Vehicle Accident	See EENS JRA-025														

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							Before Additional Controls					After Additional Controls				
Job Step / Task	Hazard	Control(s)	Stressors Y/N	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD	Control(s) Added to Reduce Risk	Stressors Y/N	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD	% Risk Reduction
Inventory of Sources	Radiation exposure	Training, enclosure, postings, procedures, Tier I, Dosimetry, PPE, ESR, RWP, RadCon Manual, Work Planning and Control Documents, remote handling, ALARA principles- time distance shielding, access controls, SRS SBMS SA	N	1	2	1	1	2								
Further Description of Controls Added to Reduce Risk:																
*Risk:	0 to 20 Negligible	21 to 40 Acceptable	41 to 60 Moderate					61 to 80 Substantial		81 or greater Intolerable						